

PRIOR ART

FIG. 1

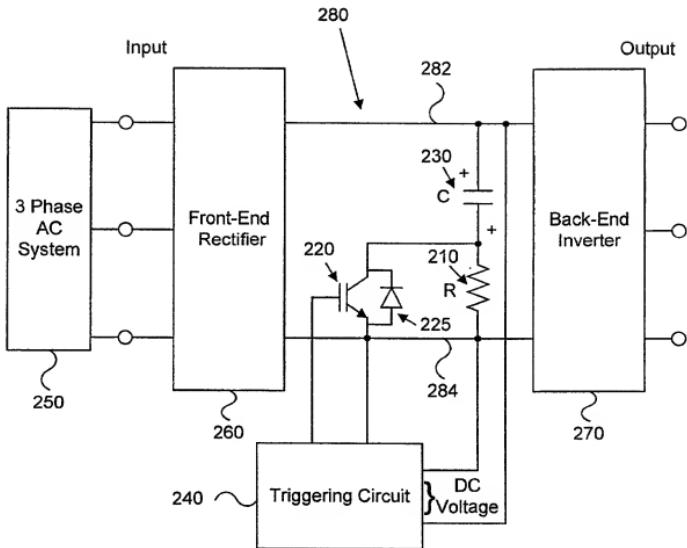


FIG. 2A

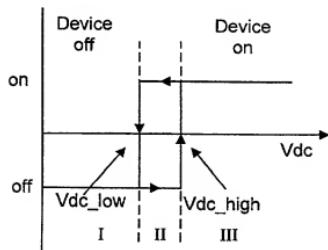


FIG. 2B

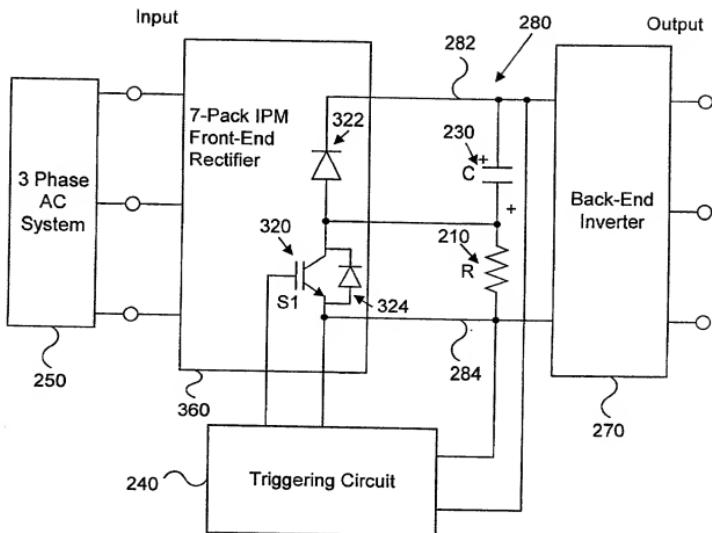


FIG. 3

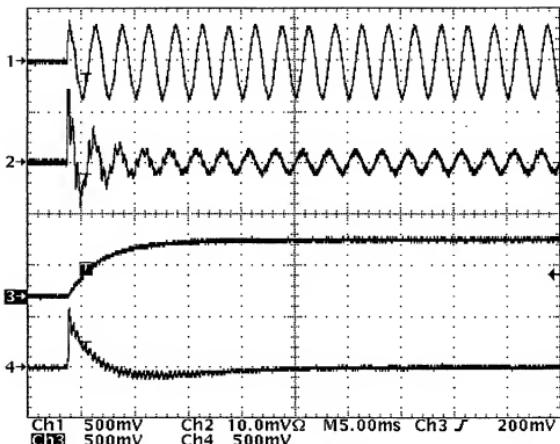


Fig. 4

Trace 1: AC line-neutral voltage [250V/div]

Trace 2: AC source phase a current [20A/div]

Trace 3: DC bus voltage [250V/div]

Trace 4: DC link current at soft-start [25A/div]]